

Product datasheet for **MC212803**

Tbpl2 (NM_199059) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbpl2 (NM_199059) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbpl2
Synonyms:	Gm348; Trf3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212803 representing NM_199059 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTGGGCTCTCTCATCATGGAGGAGGACATATACCTGGACCTTCTCCTGGATCCTTATACCATCCAGG
ATGACTTTCCTCCAGCTATGTCTCAACTGTTCCAGCCAGGAGTGCCTTTAGACATGCACTCACTTCCATC
TAATCCAGAGACTGTGTTTCATCCACATCTTGGTGGAGTCAAAAAGGCATCCACTGACTTTTCATCTGTG
GATCTAAGCTTCTTACCAGATGAACTTACCCAAGAAAATAGAGACCAAAGTGCCTGGAACAAGCTGG
CAAGTGAGGAAAGCTGTAGGACTCGAGATCGACAAAGTCAGTTGCAAGTGCCTGATGAACATGGCAGTGA
GCTGAACCTGAATAGCAACAGTTCACCAGATCCCCAGTCATGCCTGTGCTTTGATGATGCTCACTCCAAC
CAGCCCTCTCCAGAAACCAAACTCCAATGCCTTACCTGTGGCATTGATAGCATCCATGATGCCAATGA
ACCCTGTTCCAGGATTTCTGGAATTGTGCCTCAATTACAGAATGTAGTTTCCACTGCAAATCTGGCCTG
TAAATTGGATCTGAGAAAAATAGCCCTGAATGCCAAAAACACAGAATATAACCCAAAGAGGTTTGTCTGCA
GTAATAATGAGGATCCGAGAGCCAAGGACAACAGCTCTCATCTTAGCTCTGGGAAAGTGGTCTGTACAG
GAGCCAAAAGTGAAGAGGAGTCTCGGCTGGCAGCGAGAAAGTATGCTCGTGTGGTGCAGAAGCTCGGTT
CCCTGTCAGATTTCAATTTTAAAAATTCAGAACATGGTTGGAAGCTGTGATGTGAATTTCCCATCAGG
CTGGAGATTTTGGCACTAACCCATCGGCAGTTCAGTAGCAGTTATGAACCTGAACTTTCCCGGCCTTA
TTTATAAGATGGTAAAACCACAGGTTGTGTTGCTAATCTTTGCATCTGGAAAAGTTGTGTTAACAGGTGC
CAAAGAGCGTTCTGAGATCTATGAAGCATTTGAAAACATGTATCCTATTCTAGAAAGTTTAAAGAAAGTC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_199059



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Insert Size:	1053 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_199059.2 , NP_951014.1
RefSeq Size:	1734 bp
RefSeq ORF:	1053 bp
Locus ID:	227606
UniProt ID:	Q6SJ95
Cytogenetics:	2 A3
Gene Summary:	<p>Transcription factor required in complex with TAF3 for the differentiation of myoblasts into myocytes. The complex replaces TFIID at specific promoters at an early stage in the differentiation process.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>